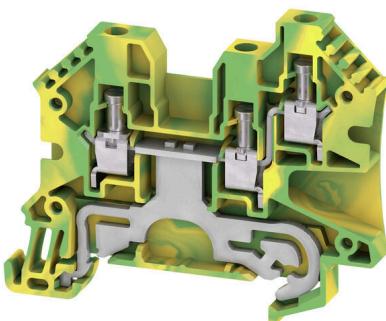


WPE 4/ZR

Weidmüller Interface GmbH & Co. KG
Klingenbergsstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Product image

To feed through power, signal, and data is the classical requirement in electrical engineering and panel building. The insulating material, the connection system and the design of the terminal blocks are the differentiating features. A feed-through terminal block is suitable for joining and/or connecting one or more conductors. They could have one or more connection levels that are on the same potential or insulated against one another.

General ordering data

| | |
|------------|--|
| Version | PE terminal, Screw connection, Green/yellow, 4 mm ² , 800 V, Number of connections: 2, Number of levels: 1, TS 35, V-0, Wemid |
| Order No. | 1905120000 |
| Type | WPE 4/ZR |
| GTIN (EAN) | 4032248523375 |
| Qty. | 50 items |

WPE 4/ZR

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Technical data

Approvals

Approvals



| | |
|-------------------------|----------------------------|
| RoHS | Conform |
| UL File Number Search | UL Website |
| Certificate No. (cURus) | E60693 |

Dimensions and weights

| | | | |
|--------------------------|-------------|----------------|-------------|
| Depth | 52.8 mm | Depth (inches) | 2.0787 inch |
| Depth including DIN rail | 53.3 mm | Height | 63.5 mm |
| Height (inches) | 2.5 inch | Width | 6.1 mm |
| Width (inches) | 0.2402 inch | Net weight | 15.96 g |

Temperatures

| | | | |
|----------------------------------|----------------|----------------------------------|----------------|
| Storage temperature | -25 °C...55 °C | Ambient temperature | -60 °C...85 °C |
| Continuous operating temp., min. | -60 °C | Continuous operating temp., max. | 130 °C |

Environmental Product Compliance

| | |
|--------------------------|---|
| RoHS Compliance Status | Compliant without exemption |
| REACH SVHC | No SVHC above 0.1 wt% |
| Product Carbon Footprint | Cradle to gate 0.368 kg CO ₂ eq. |

Material data

| | | | |
|---------------------------|-------|--------|--------------|
| Basic material | Wemid | Colour | Green/yellow |
| UL 94 flammability rating | V-0 | | |

Rating data IECEx/ATEX

| | | | |
|--------------------------------|-------------------|---------------------------------|-------------------|
| Certificate No. (ATEX) | DEMKO14ATEX1338U | Certificate No. (IECEx) | IECEXULD14.0005U |
| Wire cross section max. (ATEX) | 4 mm ² | Wire cross section max. (IECEx) | 4 mm ² |
| Marking EN 60079-7 | Ex eb II C Gb | Ex 2014/34/EU label | II 2 G D |

System specifications

| | | | |
|-------------------------------------|---|-------------------------------|-----|
| Version | Screw connection, Additional connection, With PE connection, One end without connector | End cover plate required | Yes |
| Number of potentials | 1 | Number of levels | 1 |
| Number of clamping points per level | 3 | Number of potentials per tier | 1 |
| Levels cross-connected internally | No | PE connection | Yes |
| Mounting rail | TS 35 | N-function | No |
| PE function | Yes | PEN function | No |

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Technical data

Additional technical data

| | | | |
|---------------------|-----------------|-----------------------------|-----|
| Open sides | right | Number of similar terminals | 1 |
| Installation advice | when screwed in | Explosion-tested version | Yes |
| Type of mounting | Snap-on | | |

CSA rating data

| | | | |
|-------------------------------|--------|-----------------------|----------------|
| Wire cross section max. (CSA) | 10 AWG | Certificate No. (CSA) | 200039-1057876 |
| Wire cross section min. (CSA) | 30 AWG | | |

Conductors for clamping (additional connection)

| | | | |
|---|---------------------|---|---------------------|
| Terminal screw, additional connection | M 3 | Connection direction additional connection | on side |
| Clamping range, further connection, max. | 6 mm ² | Clamping range, further connection, min. | 0.5 mm ² |
| Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max. | 4 mm ² | Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, min. | 0.5 mm ² |
| Conductor cross-section, flexible, further connection, min. | 0.5 mm ² | Number of connections, additional connection | 1 |
| Rated cross-section, further connection | 4 mm ² | Blade size, additional connection | 0.6 x 3.5 mm |
| Cross-section for connected wire, multi-core, further connection, min. | 0.5 mm ² | Cross-section for connected wire, multi-core, further connection, max. | 4 mm ² |
| Tightening torque, additional connection, max. | 0.8 Nm | Cross-section for connected wire, AWG, AWG 26 additional connection, min. | |
| Cross-section for connected wire, solid-core, further connection, min. | 0.5 mm ² | Cross-section for connected wire, solid-core, further connection, max. | 6 mm ² |
| Connection type, additional connection | Screw connection | Cross-section for connected wire, flexible, further connection, max. | 4 mm ² |
| Cross-section for connected wire, AWG, AWG 10 additional connection, max. | | Stripping length, additional connection | 10 mm |
| Tightening torque, additional connection, min. | 0.5 Nm | | |

Conductors for clamping (rated connection)

| | | | |
|---|---------------------|---|----------------------|
| Gauge to IEC 60947-1 | A4 | Wire connection cross section AWG, max. | AWG 10 |
| Connection direction | on side | Tightening torque, max. | 0.8 Nm |
| Tightening torque, min. | 0.5 Nm | Stripping length | 10 mm |
| Type of connection | Screw connection | Number of connections | 2 |
| Clamping range, max. | 6 mm ² | Clamping range, min. | 0.05 mm ² |
| Clamping screw | M 3 | Blade size | 0.6 x 3.5 mm |
| Wire connection cross section AWG, min. | AWG 26 | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max. | 4 mm ² |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min. | 0.5 mm ² | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. | 4 mm ² |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min. | 0.5 mm ² | Wire connection cross section, finely stranded, max. | 4 mm ² |
| Wire connection cross section, finely stranded, min. | 0.5 mm ² | Connection cross-section, stranded, max. | 4 mm ² |
| Connection cross-section, stranded, min. | 0.5 mm ² | Torque level with DMS electric screwdriver | 2 |
| Wire connection cross-section, solid core, max. | 6 mm ² | Wire connection cross-section, solid core, min. | 0.5 mm ² |

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Technical data

Dimensions

| | |
|--------------|-------|
| TS 35 offset | 28 mm |
|--------------|-------|

General

| | | | |
|---|--------|---------------------|-----------------|
| Wire connection cross section AWG, max. | AWG 10 | Installation advice | when screwed in |
| Wire connection cross section AWG, min. | AWG 26 | Standards | IEC 60947-7-2 |
| Mounting rail | TS 35 | | |

Rating data

| | | | |
|--|-------------------|--|--------|
| Rated cross-section | 4 mm ² | Rated voltage to adjoining terminal | 800 V |
| Rated DC voltage | 800 V | Nominal current | 8 A |
| Standards | IEC 60947-7-2 | Volume resistance according to IEC 60947-7-x | 1 mΩ |
| Rated impulse withstand voltage to adjacent terminal | 8 kV | Power loss in accordance with IEC 60947-7-x | 0.00 W |
| Pollution severity | 3 | | |

UL rating data

| | | | |
|--|--------|--|--------|
| Conductor size Factory wiring max. (cURus) | 10 AWG | Certificate No. (cURus) | E60693 |
| Conductor size Field wiring min. (cURus) | 30 AWG | Conductor size Factory wiring min. (cURus) | 30 AWG |
| Conductor size Field wiring max. (cURus) | 10 AWG | | |

Classifications

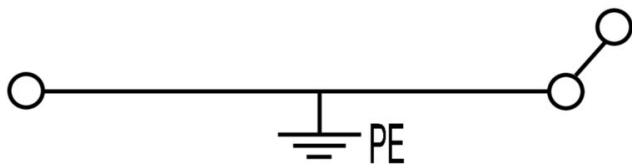
| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 8.0 | EC000901 | ETIM 9.0 | EC000901 |
| ETIM 10.0 | EC000901 | ECLASS 14.0 | 27-25-01-03 |
| ECLASS 15.0 | 27-25-01-03 | | |

WPE 4/ZR

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Drawings

www.weidmueller.com



Accessories

End plates and partition plates



Partition plates and end plates are essential accessories for terminal blocks. Partition plates provide optical and electrical separation of different potentials and functional groups, increasing safety and ensuring a clear structure inside the control cabinet. End plates close the terminal block row on the sides, protect against contact with live parts, and ensure a clean, stable finish. Both components are precisely matched to the respective Weidmüller terminal block series, contributing to safe, compliant, and professional wiring.

General ordering data

| | | |
|------------|----------------------------|---|
| Type | WAP WDU/WTR4/ZR | Version |
| Order No. | 1905070000 | End plate for terminals, dark beige, Height: 61.94 mm, Width: 1.5 |
| GTIN (EAN) | 4032248523320 | mm, V-0, Wemid, Snap-on: Yes |
| Qty. | 50 ST | |

End bracket



Weidmüller's range of products includes end brackets that guarantee a permanent, reliable mounting on the terminal rail and prevent sliding. Versions with and without screws are available. The end brackets include marking options, also for group markers, and also a test plug holder.

General ordering data

| | | |
|------------|----------------------------|--|
| Type | WEW 35/2 | Version |
| Order No. | 1061200000 | End bracket, dark beige, TS 35, HB, Wemid, Width: 8 mm, 100 °C |
| GTIN (EAN) | 4008190030230 | |
| Qty. | 50 ST | |

Slotted screwdriver



Slotted screwdriver with rounded blade SD DIN 5265, ISO 2380/2, output to DIN 5264, ISO 2380/1. ChromTop tip, SoftFinish grip

General ordering data

| | | |
|------------|----------------------------|--------------------------|
| Type | SDS 0.6X3.5X100 | Version |
| Order No. | 9008330000 | Screwdriver, Screwdriver |
| GTIN (EAN) | 4032248056286 | |
| Qty. | 1 ST | |

WPE 4/ZR

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Accessories

Blank



The Dekafix (DEK) marker is the universal marker for all conductor and plug-in connectors as well as for electronic sub-assemblies. The system is ideal for short number sequences and covers a wide range of ready-printed markers.

Strips for fast installation in only one work step. The printing is easy to read, rich in contrast and available in various widths.

- Large range of ready-to-use markers
- Strips for fast installation
- Terminal markers, suitable for all Weidmüller cable connectors
- Available as blank MultiCard or with standard printing

For custom printing: Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

General ordering data

| | | |
|------------|----------------------------|---|
| Type | DEK 5/6 MC NE WS | Version |
| Order No. | 1609820000 | Dekafix, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00 |
| GTIN (EAN) | 4008190203436 | Weidmüller, white |
| Qty. | 1000 ST | |

End plates and partition plates



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General ordering data

| | | |
|------------|----------------------------|---|
| Type | WTW EN | Version |
| Order No. | 1058800000 | Partition plate (terminal), dark beige, Height: 86 mm, Width: 3 mm, |
| GTIN (EAN) | 4008190140175 | V-0, Wemid |
| Qty. | 20 ST | |

Marker holder



The marker holder offer the possibility of additional mounting of standard markers with a pitch of 5 or 5.1 mm. The angled holders can be optionally snapped together and could be mounted in all standard marking channels of the Klippon® Connect modular terminal blocks. Fitting marker types could be found under the respective accessories of the designation marking holder.

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Accessories

General ordering data

| | | |
|------------|----------------------------|----------------------------|
| Type | BZT 1 WS 10/5 | Version |
| Order No. | 1805490000 | Accessories, Marker holder |
| GTIN (EAN) | 4032248270231 | |
| Qty. | 100 ST | |
| Type | BZT 1 ZA WS 10/5 | Version |
| Order No. | 1805520000 | Accessories, Marker holder |
| GTIN (EAN) | 4032248270248 | |
| Qty. | 100 ST | |

DEK 5/6



WS/ DEK

MultiMark terminal markers use an innovative composite material made from two components. The hard base contour of the marker snaps securely into the connector. The elastic surface finish makes the marker easy to mount. This specially punched material enables the strips to be stretched to accommodate the slight variations in spacing that tend to add up, especially with long terminal blocks. Another advantage: the excellent printability of the surface material guarantees durable and wear-resistant labelling. A print resolution of 300 dpi also produces a very legible script.

Your benefits with MultiMark

- Firm hold and durable printing
- Continuous strips save installation time
- Easy mounting thanks to an innovative composite material
- Large label field for optimal legibility
- High flexibility thanks to manufacturer independence

General ordering data

| | | |
|------------|----------------------------|--|
| Type | DEK 5/6 MM WS | Version |
| Order No. | 2007120000 | Dekafix, Terminal marker, 5 x 6 mm, Weidmueller, white |
| GTIN (EAN) | 4050118392104 | |
| Qty. | 600 ST | |

End plates and partition plates



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Accessories**General ordering data**

| | | |
|------------|----------------------------|---|
| Type | WAP 2.5-10/0.5MM | Version |
| Order No. | 1966380000 | End plate for terminals, dark beige, Height: 54.5 mm, Width: 0.35 |
| GTIN (EAN) | 4032248688616 | mm, V-0, Wemid, Snap-on: Yes |
| Qty. | 50 ST | |